

## Bellringer:

### Brain storm

- Write a list of 5 questions that you think Science can solve
- Write a list of 5 questions that you think Science cannot solve

Aug 30-9:13 AM

## ★ Scientific Methods ★

"Problem - solving"

- Observe → Question
- Hypothesis
- test Hypothesis
- Data → analyze data
- conclusion

Sep 3-10:24 AM

$$\begin{aligned}
 10^0 &= 1, & 2.73 \times 10^5 \\
 10^1 &= 10 = 10 & \underline{2.73 \times 10^5} \\
 10^2 &= 100 & 273000 \\
 10^{-1} &= \downarrow -0.1 & 0.000513 \times 10^{-4} \\
 & & 0.000513
 \end{aligned}$$
  

$$\begin{aligned}
 \text{million} & 9.81 \times 10^{-7} \\
 98100000 & 981000000
 \end{aligned}$$
  

$$\begin{aligned}
 5.32 \times 10^{-11} \\
 0.0000000000532 \\
 0.0000000000532 \times 10^{-10}
 \end{aligned}$$

Sep 3-10:47 AM

# 1.1 Review

Grade: 8th

Subject: Physical Science

Date: 8/28

Aug 29-9:08 AM

1 Using your senses to gather information is known as an \_\_\_\_\_.

observation

Aug 29-9:10 AM

2 A \_\_\_\_\_ is a possible explanation for an observation that can be tested by scientific investigations.

hypothesis

Aug 29-9:11 AM

- 3 A scientific \_\_\_\_\_ is an explanation of observations that is based on many investigations and/or observations.

theory

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- 4 A scientific law is a rule of nature.

True  
False

Aug 29-9:12 AM

5 The three main branches of science are:

- ☒ A physical science
- ☐ B environmental science
- ☒ C earth science
- ☐ D consumer science
- ☒ E life science

Aug 29-9:14 AM

Sep 9-4:54 PM